

BREATHABILITY

To be comfortable, harnesses must stay dry and breathable when subjected to sweat.

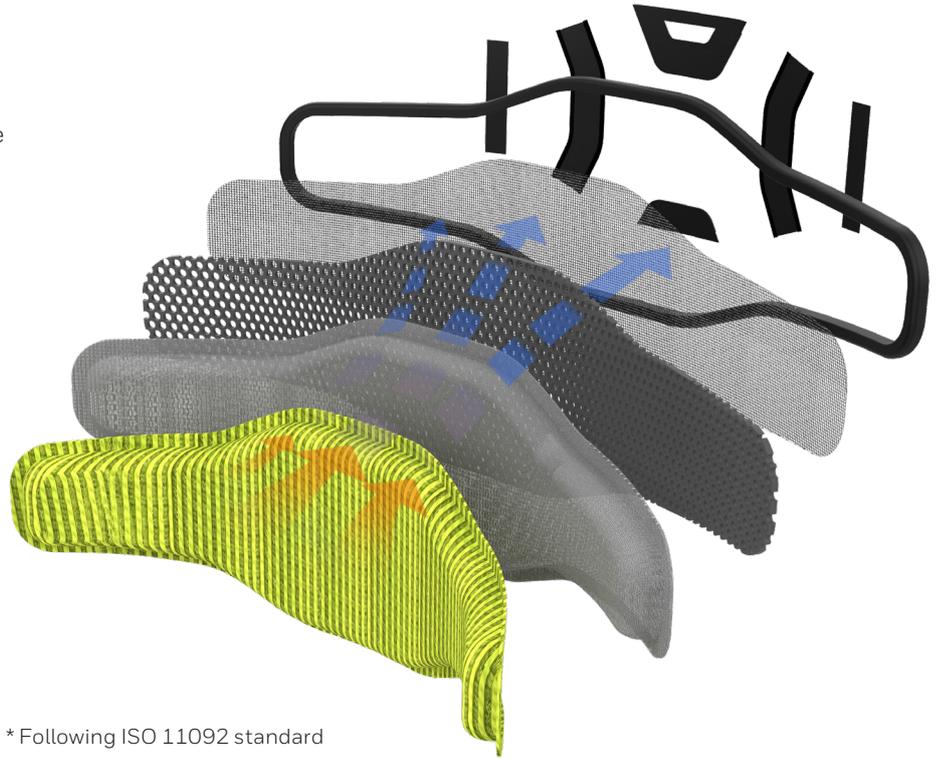
PURPOSE OF THIS TEST

The aim was to test* the padding material against water vapor resistance. A lower water vapor resistance means a lower barrier to water vapor. This proves the material is more breathable and more comfortable to wear.

*Test performed by a third party - SGS.

TEST METHOD

An electrically heated porous plate is covered by a liquid water-vapor permeable membrane. Water fed to the heated plate evaporates and passes through the membrane as vapor, so that no liquid water contacts the test specimen. With the test specimen placed on the membrane, the heat flux required to maintain a constant temperature at the plate level is a measure of the rate of water evaporation, and from this the water-vapor resistance of the test specimen is determined.



* Following ISO 11092 standard

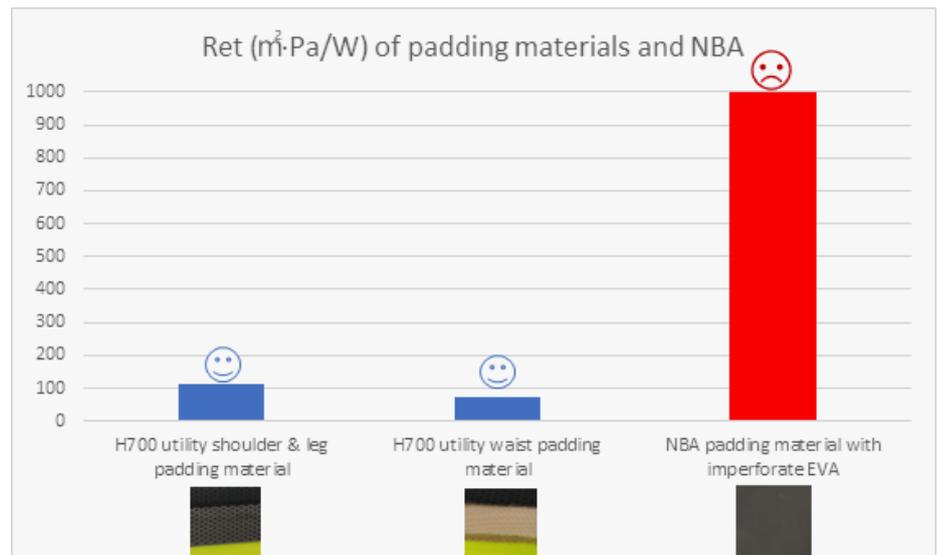
TEST RESULTS

SAMPLE NAME	RET
H700 utility shoulder & leg padding material	114
H700 utility waist padding material	72,4
NBA padding material with imperforate EVA	>1000

RET value = evaporative resistance of one unit area of a material. The lower the RET value, the cooler the material feel on the body.

CONCLUSION

The water vapor resistance of the Miller H700 waist, leg and shoulder padding materials is much better than NBA padding material.



NBA = Next Best Alternative on the market.